

Message

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Sent: 10/10/2014 1:00:11 PM
To: Taylor, Patricia-A [Taylor.Patricia-A@epa.gov]; McCormick, Karen [McCormick.Karen@epa.gov]; Scott, Camisha [Scott.Camisha@epa.gov]
CC: Watson, Jane [watson.jane@epa.gov]
Subject: Gulf Coast Job Creation --- Demand Occupations - Training Needed and License/certification Requirements and List of Closest Training Providers
Attachments: job-creation-report-oxfam-ssa.pdf

Good Morning folks,

Another OxFam Report

Gulf Coast Job Creation and Workforce Development

A review of recent research studies and recommended strategies for local, state, and federal agencies

<http://recoverrestorerebuild.files.wordpress.com/2012/05/job-creation-report-oxfam-ssa.pdf>

One of the main objectives of this report was to identify the anticipated workforce needs of employers involved in NRDA early restoration projects in Louisiana. Specifically, our primary and secondary research focused on the demand occupations within the dredging industry and the skills and trainings needed to fill those positions. This research identified individuals (and groups representing them) in the BP oil spill-impacted areas who could be potential candidates for industry occupations. This study then determined the training needed. The geographical scope of the study encompassed Jefferson, Lafourche, Orleans, Plaquemines, St. Bernard, and Terrebonne parishes in Louisiana. This report synthesizes primary and secondary data collection and analysis.

Table 1. Demand occupation: Field technicians

Table 2. Demand occupation: Operating engineers and other construction equipment operators

Table 3. Demand occupation: Ship and boat captains

Table 4. Demand occupation: Deckhands

Table 5. Demand occupation: General laborers

Table 6. Demand occupation: Marine and heavy equipment maintenance and repair technicians

Table 7. Demand occupation: Engineering and technical professionals

Table 8. Demand occupation: Light equipment operators

Table 9. Demand occupation: Management and supervisory professionals

Report also gives a growth rate for these positions.

Example: Tractor operators are considered to be a demand occupation in RLMA 1. The average annual wage was \$31,218.

Approximately 1,550 people held this position

in 2008, and the total annual demand for this position is projected to grow at 2.5 percent.

On TRAINING: Pages 24-25 – gives narrative about experience over training but then elaborates on training:

To prepare unemployed and underemployed workers for potential new jobs within the ecosystem restoration industry, it is necessary to identify targeted trainings for demand occupations. Delineations between occupations that can be obtained through minimal training and experience and those that require more formal, long-term education and certification are important and must be made.

Thus, this report classifies training and needed experience as follows.

- Short-term training and experience typically means up to one month of on-the-job experience and may include informal training.
- Moderate-term training and experience means one to 12 months of combined on-the-job experience and informal training.
- Long-term training and experience means more than 12 months of on-the-job training and postsecondary vocational training.⁴⁸

Table 10. Training needed and license/certification requirements for field technicians

Table 11. Training needed and license/certification requirements for operating engineers and other construction equipment operators

Table 12. Training needed and license/certification requirements for ship and boat captains and deckhands

Table 13. Training needed and license/certification requirements for general laborers

Table 14. Training needed and license/certification requirements for marine and heavy equipment maintenance and repair technicians

Table 15. Training needed and license/certification requirements for light equipment operators

Table 15. Training needed and license/certification requirements for light equipment operators

Table 17. Mapping of training programs and providers for targeted demand occupations

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Demand occupation subtitles	Occupational code	Training available	Closest training provider(s)
Quality control technicians	51-9061	Construction quality management (CQM) certification	US Army Corp of Engineers—New Orleans District
Marsh excavator operators, dozer operators, heavy equipment operators	47-2073	Certification of technical studies degree—heavy construction vehicle operator	Northwest Louisiana Technical College—Minden, LA
		Heavy equipment operator (operating engineer) apprenticeship	Operating Engineers Local 406, South East Louisiana Building & Construction Trades Council, AFL-CIO
Captains and mates	53-5021	Associate's degree in marine science/Merchant Marine officer	L.E. Fletcher Technical Community College
		Award of at least one but less than two academic years in marine science/Merchant Marine officer	South Central Louisiana Technical College—Young Memorial Campus
Ship engineers	53-5031		
Licensed mariners, oilers, shoremen, deckhands, able-bodied seamen	53-5011	48-hour able seaman course	South Central Louisiana Technical College—Young Memorial Campus
		Hazardous Waste Operations and Emergency Response	L.E. Fletcher Technical Community College
		Certification of technical studies degree—marine operations	South Central Louisiana Technical College—Young Memorial Campus
Cooks	35-2012	Food preparation/professional cooking/kitchen assistant program	Delgado Community College
Construction laborers	47-2061	Predominantly on-the-job	Industry employers
Welders/fitters	51-4121	Welding technology/welder	Delgado Community College
			L.E. Fletcher Technical Community College
			Louisiana Technical College—Jefferson Campus
			Louisiana Technical College—West Jefferson Campus
			South Central Louisiana Technical College—Young Memorial Campus
			Northshore Technical College—Sullivan Main Campus
Machinists	51-4041	Machine tool technology/machinist	Delgado Community College
			L.E. Fletcher Technical Community College
			Northshore Technical College—Sullivan Main Campus
Engine room assistants	49-9098	Predominantly on-the-job	Industry employers
Mechanics (heavy equipment)	49-3042	Diesel-powered equipment technician	South Central Louisiana Technical College—Young Memorial Campus
		Marine diesel technician	Delgado Community College
Port engineers	53-5031	Associate's degree in marine science/Merchant Marine officer	L.E. Fletcher Technical Community College
		Award of at least one but less than two academic years in marine science/Merchant Marine officer	South Central Louisiana Technical College—Young Memorial Campus
Tractor operators	53-7051	Predominately on-the-job	Industry employers
Project managers	17-2051	B.S. civil engineering	University of New Orleans
Construction supervisors	47-1011	Award of at least one but less than two academic years in related trade	Louisiana technical colleges

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"Within one generation, nations can achieve a ten-fold increase in the efficiency with which they use energy, natural resources and other materials." - Carnoules Declaration

The Great Green Wall – a hope to avoid desertification. - “WindFall” (Book).

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